

**WEDRON GROUND WATER SITE
WEDRON, ILLINOIS
DATA VALIDATION REPORT**

Date: February 18, 2014

Laboratory: TestAmerica, Savannah, Georgia

Laboratory Project #: 680-98116-1

Data Validation Performed By: Lisa Graczyk, Weston Solutions, Inc. (WESTON) Superfund Technical Assessment and Response Team (START)

Weston Analytical Work Order #/TDD #: 20405.016.001.1699.00/ S05-0001-1112-005

This data validation report has been prepared by WESTON START under the START III Region V contract. This report documents the data validation for two soil samples collected for the Wedron Ground Water Site that was analyzed for the following parameters and U.S. Environmental Protection Agency methods:

- Volatile Organic Compounds (VOC) by SW-846 Method 8260B
- Semivolatile Organic Carbons (SVOC) by SW-846 Method 8270D
- Total Petroleum Hydrocarbons (TPH) as Gasoline Range Organics (GRO) and Diesel Range Organics (DRO) by SW-846 Method 8015C
- Lead by Method 6010C
- TPH as oil and grease by Method 1664A

A level II data package was requested from TestAmerica. The data validation was conducted in general accordance with the EPA “Contract Laboratory Program National Functional Guidance for Superfund Organic Methods Data Review” dated June 2008 and “Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review” dated January 2010. The Attachment contains the results summary sheets with the hand-written qualifiers applied during data validation.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-98116-1

VOCs BY METHOD 8260B

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-SS-SB2(2-3)-012214	680-98116-1	Soil	1/22/2014	2/2/2014
WGS-SS-SB4(19-20)-012314	680-98116-2	Soil	1/23/2014	2/2/2014

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection.

3. Blanks

A method blank was analyzed with the VOC analyses and was free of target compound contamination above the reporting limits.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established quality control (QC) limits.

5. Laboratory Control Sample (LCS) Results

The LCS and LCS duplicate (LCSD) recoveries were within laboratory QC limits for percent recoveries and relative percent differences (RPD).

6. Matrix Spike (MS) and Matrix Spike Duplicate (MSD) Results

An MS and MSD were not analyzed using a sample from the site. No qualifications required.

7. Overall Assessment

The laboratory flagged some results with a "J" to indicate that they should be considered estimated because they were detected below the reporting limit. These qualifiers are accepted.

The VOC data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-98116-1

SVOCs BY METHOD 8270D

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WGS-SS-SB2(2-3)-012214	680-98116-1	Soil	1/22/2014	1/27/2014	1/31/2014
WGS-SS-SB4(19-20)-012314	680-98116-2	Soil	1/23/2014	1/27/2014	1/31/2014

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

A method blank was analyzed with the SVOC analysis and was free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits.

5. LCS Results

The LCS recoveries were within laboratory QC limits for percent recovery.

6. MS and MSD Results

An MS and MSD were analyzed using sample WGS-SS-SB2(2-3)-012214 as the spiked sample. The percent recoveries were all low with a few exceptions indicating a low bias associated with the sample results for SVOCs due to matrix interference.

All detected SVOC results were flagged "J" and the quantitation limits for non-detected SVOCs were flagged "UJ" as estimated due to apparent matrix interference.

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7. Overall Assessment

The laboratory flagged some results with a “J” to indicate that they should be considered estimated because they were detected below the reporting limit. These qualifiers are accepted.

The SVOC data are acceptable for use as qualified based on the information received.

TPH AS GRO AND DRO BY METHOD 8015C

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Prepared	Date Analyzed
WGS-SS-SB2(2-3)-012214	680-98116-1	Soil	1/22/2014	1/27/2014	1/30/2014
WGS-SS-SB4(19-20)-012314	680-98116-2	Soil	1/23/2014	1/27/2014	1/30/2014

2. Holding Times

The samples were analyzed within the required holding time limit of 14 days from sample collection to extraction and 40 days from extraction to analysis.

3. Blanks

Method blanks were analyzed with the TPH analyses and were free of target compound contamination above the reporting limit.

4. Surrogate Results

The surrogate recovery results were within the laboratory-established QC limits for GRO. For DRO, the surrogate recoveries were low. The DRO results were flagged “J” as estimated.

5. LCS Results

The LCS and LCSD recoveries and RPDs were within laboratory QC limits for percent recovery.

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6. MS and MSD Results

An MS and MSD were analyzed using sample WGS-SS-SB4(19-20)-012314 as the spiked sample for DRO only. The percent recoveries were low. The DRO results were flagged "J" as estimated due to apparent matrix interference.

7. Overall Assessment

The TPH data are acceptable for use as qualified based on the information received.

LEAD BY METHOD 6010C

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-SS-SB2(2-3)-012214	680-98116-1	Soil	1/22/2014	1/31/2014
WGS-SS-SB4(19-20)-012314	680-98116-2	Soil	1/23/2014	1/31/2014

2. Holding Times

The samples were analyzed within the required holding time limit of 180 days from sample collection.

3. Blank Results

A method blank was analyzed with the metals analyses and was free of target analyte contamination above the reporting limit.

4. LCS Results

The LCS recovery was within the laboratory-established QC limits for lead.

5. MS and MSD Results

An MS and MSD were analyzed using sample WGS-SS-SB2(2-3)-012214 as the spiked sample. The percent recoveries were low; however, the sample concentration was more than four times the spike amount and no qualification was warranted for this discrepancy.

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6. Overall Assessment

The lead data are acceptable for use as qualified based on the information received.

TPH AS OIL AND GREASE BY EPA METHOD 1664A

1. Samples

The following table summarizes the samples for which this data validation is being conducted.

Samples	Lab ID	Matrix	Date Collected	Date Analyzed
WGS-SS-SB2(2-3)-012214	680-98116-1	Soil	1/22/2014	1/30/2014
WGS-SS-SB4(19-20)-012314	680-98116-2	Soil	1/23/2014	1/30/2014

2. Holding Times

The samples were analyzed within the holding time limit of 28 days from sample collection.

3. Blank Results

A method blank was analyzed with the TPH analysis and was free of target analyte contamination above the reporting limit.

4. LCS Results

The LCS and LCSD recoveries and RPD were within the QC limit.

5. Overall Assessment

The TPH data are acceptable for use based on the information received.

Data Validation Report
Wedron Ground Water Site
TestAmerica
Laboratory Project #: 680-98116-1

ATTACHMENT

TESTAMERICA
RESULTS SUMMARY WITH QUALIFIERS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-98116-1

Client Project/Site: Wedron Site

Revision: 1

For:

Weston Solutions, Inc.

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Suite 2035

Chicago, Illinois 60606

Attn: Lisa Graczyk



Authorized for release by:

2/17/2014 2:18:24 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Job ID: 680-98116-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Wedron Site

Report Number: 680-98116-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 01/25/2014; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.8 C.

This report has been revised. The GRO result has been changed. The dilution factor was inadvertently applied twice to Sample WGS-SS-SB2(2-3)-012214 (680-98116-1).

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Volatile Organic Compounds (GC-MS) in accordance with EPA SW-846 Method 8260B.

SEMOVOLATILE ORGANIC COMPOUNDS (SOLID)

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Semivolatile Organic Compounds (Solid) in accordance with EPA SW-846 Method 8270D.

Method(s) 8270D: The following analytes have been identified, in the reference method and/or via historical data, to be poor and/or erratic performers: Famphur, 1,4-Naphthaquinone, Methane sulfonate, Benzaldehyde, 1-naphthylamine, 2-naphthylamine, p-Dimethylamino azobenzene, p-phenylenediamine, a,a-dimethylphenethylamine, Methapyriline, 2-picoline (2-methylpyridine), 3,3'-dimethylbenzidine, 3,3'-dichlorobenzidine, Benzidine, Benzaldehyde, Benzoic acid, Dinoseb, Hexachlorophene, Hexachlorocyclopentadiene, o,o,o-triethylphosphoro-thioate. These analytes may have a %D >60% if the average %D of all the analytes in the continuing calibration verification (CCV) is 30%.

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and/or precision for WGS-SS-SB2(2-3)-012214 (680-98116-1) in batch 680-313707 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270D: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample(s): (680-98116-1 MS), (680-98116-1 MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported. The sample's matrix interfered with the spike recoveries.

GASOLINE RANGE ORGANICS (GRO)

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B.

DIESEL RANGE ORGANICS (DRO)

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Diesel Range Organics (DRO) in accordance with EPA SW-846 Method 8015C.

Method(s) 8015C: Surrogate recovery for the following sample(s) was outside control limits: (680-98116-2 MS), (680-98116-2 MSD), WGS-SS-SB4(19-20)-012314 (680-98116-2). Evidence of matrix interferences is not obvious, however the failing surrogate recovery of the parent sample is concurred by failing surrogate recoveries in the matrix spike / matrix spike duplicate (MS/MSD) samples.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Job ID: 680-98116-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Method(s) 8015C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 313354 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8015C: The following sample(s) was diluted due to an abundance of target analytes: WGS-SS-SB2(2-3)-012214 (680-98116-1). As such, surrogate recoveries are below the calibraton range or are not reported, and elevated reporting limits (RLs) are provided.

METALS (ICP)

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Metals (ICP) in accordance with EPA SW-846 Method 6010C.

Lead recovery is outside lab criteria for the MS and MSD of sample WGS-SS-SB2(2-3)-012214 (680-98116-1) in batch 680-313741.

OIL AND GREASE AND TPH

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Oil and Grease and TPH in accordance with EPA Method 1664A.

PERCENT SOLIDS/MOISTURE

Samples WGS-SS-SB2(2-3)-012214 (680-98116-1) and WGS-SS-SB4(19-20)-012314 (680-98116-2) were analyzed for Percent Solids/Moisture in accordance with TestAmerica SOP.

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-98116-1	WGS-SS-SB2(2-3)-012214	Solid	01/22/14 12:08	01/25/14 08:55
680-98116-2	WGS-SS-SB4(19-20)-012314	Solid	01/23/14 10:25	01/25/14 08:55

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TestAmerica Savannah

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL SAV
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SAV
8015C	Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)	SW846	TAL SAV
8015C	Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)	SW846	TAL SAV
6010C	Metals (ICP)	SW846	TAL SAV
1664A	HEM and SGT-HEM	1664A	TAL SAV
Moisture	Percent Moisture	EPA	TAL SAV

Protocol References:

1664A = EPA-821-98-002

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F1	MS and/or MSD Recovery exceeds the control limits
X	Surrogate is outside control limits
F2	MS/MSD RPD exceeds control limits

GC Semi VOA

Qualifier	Qualifier Description
D	Surrogate or matrix spike recoveries were not obtained because the extract was diluted for analysis; also compounds analyzed at a dilution may be flagged with a D.
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery exceeds the control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F2	MS/MSD RPD exceeds control limits

Glossary

Abbreviation

These commonly used abbreviations may or may not be present in this report.

☒	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB2(2-3)-012214

Lab Sample ID: 680-98116-1

Date Collected: 01/22/14 12:08

Matrix: Solid

Date Received: 01/25/14 08:55

Percent Solids: 80.7

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		62	14	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Benzene	ND		6.2	0.90	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Bromodichloromethane	ND		6.2	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Bromoform	ND		6.2	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Bromomethane	ND		6.2	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
2-Butanone	ND		31	3.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Carbon disulfide	ND		6.2	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Carbon tetrachloride	ND		6.2	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Chlorobenzene	ND		6.2	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Chloroethane	ND		6.2	3.3	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Chloroform	9.4		6.2	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Chloromethane	ND		6.2	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
cis-1,2-Dichloroethene	ND		6.2	1.7	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
cis-1,3-Dichloropropene	ND		6.2	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Cyclohexane	ND		12	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Dibromochloromethane	ND		6.2	2.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2-Dibromo-3-Chloropropane	ND		12	5.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2-Dibromoethane	ND		6.2	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2-Dichlorobenzene	ND		6.2	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,3-Dichlorobenzene	ND		6.2	2.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,4-Dichlorobenzene	ND		6.2	0.91	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Dichlorodifluoromethane	ND		6.2	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1-Dichloroethane	ND		6.2	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2-Dichloroethane	ND		6.2	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1-Dichloroethene	ND		6.2	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2-Dichloropropane	ND		6.2	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Ethylbenzene	ND		6.2	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
2-Hexanone	ND		31	4.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Isopropylbenzene	ND		6.2	2.3	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Methyl acetate	ND		12	6.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Methylcyclohexane	ND		12	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Methylene Chloride	2.9 J		6.2	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
4-Methyl-2-pentanone	ND		31	5.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Methyl tert-butyl ether	ND		12	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Styrene	ND		6.2	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1,2,2-Tetrachloroethane	ND		6.2	2.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Tetrachloroethene	ND		6.2	2.3	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Toluene	ND		6.2	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
trans-1,2-Dichloroethene	ND		6.2	0.78	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
trans-1,3-Dichloropropene	ND		6.2	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,2,4-Trichlorobenzene	ND		6.2	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1,1-Trichloroethane	ND		6.2	0.73	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1,2-Trichloroethane	ND		6.2	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Trichloroethene	ND		6.2	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Trichlorofluoromethane	ND		6.2	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		6.2	1.6	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Vinyl chloride	ND		6.2	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1
Xylenes, Total	ND		12	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 16:39	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB2(2-3)-012214

Date Collected: 01/22/14 12:08

Date Received: 01/25/14 08:55

Lab Sample ID: 680-98116-1

Matrix: Solid

Percent Solids: 80.7

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	100		65 - 130	02/02/14 14:07	02/02/14 16:39	1
Dibromofluoromethane	102		65 - 130	02/02/14 14:07	02/02/14 16:39	1
Toluene-d8 (Surr)	88		65 - 130	02/02/14 14:07	02/02/14 16:39	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	J	410	51	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Acenaphthylene	ND	UJ	410	45	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Acetophenone	270	J J	410	35	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Anthracene	ND	UJ	410	31	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Atrazine	ND		410	29	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzaldehyde	ND		410	72	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzo[a]anthracene	ND		410	34	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzo[a]pyrene	ND		410	65	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzo[b]fluoranthene	ND		410	47	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzo[g,h,i]perylene	29	J J	410	27	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Benzo[k]fluoranthene	ND	UJ	410	81	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
1,1'-Biphenyl	ND		920	920	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Bis(2-chloroethoxy)methane	ND		410	48	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Bis(2-chloroethyl)ether	ND		410	56	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
bis (2-chloroisopropyl) ether	ND		410	37	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Bis(2-ethylhexyl) phthalate	ND		410	36	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Bromophenyl phenyl ether	ND		410	45	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Butyl benzyl phthalate	ND		410	32	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Caprolactam	ND		410	82	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Carbazole	ND		410	37	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Chloroaniline	ND		820	65	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Chloro-3-methylphenol	ND		410	43	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Chloronaphthalene	ND		410	43	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Chlorophenol	ND		410	50	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Chlorophenyl phenyl ether	ND		410	55	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Chrysene	29	J J	410	26	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Dibenz(a,h)anthracene	ND	UJ	410	48	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Dibenzofuran	52	J J	410	41	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
3,3'-Dichlorobenzidine	ND	UJ	820	35	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4-Dichlorophenol	ND		410	43	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Diethyl phthalate	ND		410	46	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4-Dimethylphenol	ND		410	55	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Dimethyl phthalate	ND		410	42	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Di-n-butyl phthalate	ND		410	37	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4,6-Dinitro-2-methylphenol	ND		2100	210	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4-Dinitrophenol	ND		2100	1000	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4-Dinitrotoluene	ND		410	61	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,6-Dinitrotoluene	ND		410	52	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Di-n-octyl phthalate	ND		410	36	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Fluoranthene	ND		410	40	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Fluorene	ND		410	45	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Hexachlorobenzene	ND		410	48	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Hexachlorobutadiene	ND		410	45	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Hexachlorocyclopentadiene	ND		410	51	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1

TestAmerica Savannah

2/17/2014

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB2(2-3)-012214

Lab Sample ID: 680-98116-1

Date Collected: 01/22/14 12:08

Matrix: Solid

Date Received: 01/25/14 08:55

Percent Solids: 80.7

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND	U T	410	35	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Indeno[1,2,3-cd]pyrene	ND	U T	410	35	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Isophorone	ND	U T	410	41	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Methylnaphthalene	400	J T	410	47	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Methylphenol	ND	U T	410	34	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
3 & 4 Methylphenol	ND	U T	410	53	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Naphthalene	470	J T	410	37	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Nitroaniline	ND	U T	2100	56	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
3-Nitroaniline	ND		2100	57	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Nitroaniline	ND		2100	61	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Nitrobenzene	ND		2100	32	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2-Nitrophenol	ND		410	51	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
4-Nitrophenol	ND		2100	410	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
N-Nitrosodi-n-propylamine	ND		410	40	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
N-Nitrosodiphenylamine	ND		410	41	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Pentachlorophenol	ND		2100	410	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Phenanthrene	76	J T	410	34	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Phenol	ND	U T	410	42	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Pyrene	43	J T	410	34	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4,5-Trichlorophenol	ND	U T	410	43	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
2,4,6-Trichlorophenol	ND	U T	410	36	ug/Kg	☒	01/27/14 12:52	01/31/14 19:37	1
Surrogate	%Recovery	Qualifier			Limits		Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	65				58 - 130		01/27/14 12:52	01/31/14 19:37	1
2-Fluorophenol (Surr)	51				40 - 130		01/27/14 12:52	01/31/14 19:37	1
Nitrobenzene-d5 (Surr)	58				46 - 130		01/27/14 12:52	01/31/14 19:37	1
Phenol-d5 (Surr)	55				49 - 130		01/27/14 12:52	01/31/14 19:37	1
Terphenyl-d14 (Surr)	64				60 - 130		01/27/14 12:52	01/31/14 19:37	1
2,4,6-Tribromophenol (Surr)	76				58 - 130		01/27/14 12:52	01/31/14 19:37	1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	64		14	1.1	mg/Kg	☒	01/27/14 10:16	01/30/14 12:41	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	129		70 - 131	01/27/14 10:16	01/30/14 12:41	20

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	560	J	41	26	mg/Kg	☒	01/27/14 12:52	01/30/14 16:31	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	0	D	45 - 130	01/27/14 12:52	01/30/14 16:31	10

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	53		1.1	0.59	mg/Kg	☒	01/28/14 08:34	01/31/14 11:27	1

LL
2-18-14

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB2(2-3)-012214

Date Collected: 01/22/14 12:08

Date Received: 01/25/14 08:55

Lab Sample ID: 680-98116-1

Matrix: Solid

Percent Solids: 80.7

General Chemistry

Analyte

TPH (1664A)

Result

260

Qualifier

RL

250

MDL

47

Unit

mg/Kg

D

✓

Prepared

Analyzed

01/30/14 14:08

Dil Fac

1

1

2

3

4

5

6

7

8

9

10

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB4(19-20)-012314

Lab Sample ID: 680-98116-2

Date Collected: 01/23/14 10:25

Matrix: Solid

Date Received: 01/25/14 08:55

Percent Solids: 83.9

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	670		59	13	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Benzene	ND		5.9	0.86	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Bromodichloromethane	ND		5.9	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Bromoform	ND		5.9	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Bromomethane	ND		5.9	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
2-Butanone	ND		30	2.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Carbon disulfide	ND		5.9	1.3	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Carbon tetrachloride	ND		5.9	0.98	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Chlorobenzene	ND		5.9	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Chloroethane	ND		5.9	3.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Chloroform	7.1		5.9	1.3	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Chloromethane	ND		5.9	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
cis-1,2-Dichloroethene	ND		5.9	1.7	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
cis-1,3-Dichloropropene	ND		5.9	0.98	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Cyclohexane	ND		12	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Dibromochloromethane	ND		5.9	2.0	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2-Dibromo-3-Chloropropane	ND		12	5.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2-Dibromoethane	ND		5.9	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2-Dichlorobenzene	ND		5.9	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,3-Dichlorobenzene	ND		5.9	1.9	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,4-Dichlorobenzene	ND		5.9	0.87	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Dichlorodifluoromethane	ND		5.9	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1-Dichloroethane	ND		5.9	1.3	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2-Dichloroethane	ND		5.9	1.3	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1-Dichloroethene	ND		5.9	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2-Dichloropropane	ND		5.9	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Ethylbenzene	ND		5.9	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
2-Hexanone	ND		30	3.9	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Isopropylbenzene	ND		5.9	2.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Methyl acetate	ND		12	5.9	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Methylcyclohexane	ND		12	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Methylene Chloride	9.7		5.9	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
4-Methyl-2-pentanone	ND		30	5.0	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Methyl tert-butyl ether	6.8 J		12	1.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Styrene	ND		5.9	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1,2,2-Tetrachloroethane	ND		5.9	1.9	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Tetrachloroethene	ND		5.9	2.2	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Toluene	ND		5.9	0.99	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
trans-1,2-Dichloroethene	ND		5.9	0.74	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
trans-1,3-Dichloropropene	ND		5.9	1.0	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,2,4-Trichlorobenzene	ND		5.9	1.1	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1,1-Trichloroethane	ND		5.9	0.70	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1,2-Trichloroethane	ND		5.9	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Trichloroethene	ND		5.9	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Trichlorofluoromethane	ND		5.9	1.4	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.9	1.5	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Vinyl chloride	ND		5.9	1.8	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1
Xylenes, Total	ND		12	1.3	ug/Kg	☒	02/02/14 14:07	02/02/14 17:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB4(19-20)-012314

Date Collected: 01/23/14 10:25

Date Received: 01/25/14 08:55

Lab Sample ID: 680-98116-2

Matrix: Solid

Percent Solids: 83.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	99		65 - 130	02/02/14 14:07	02/02/14 17:00	1
Dibromofluoromethane	103		65 - 130	02/02/14 14:07	02/02/14 17:00	1
Toluene-d8 (Surr)	89		65 - 130	02/02/14 14:07	02/02/14 17:00	1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	ND	U/J	390	49	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Acenaphthylene	ND		390	43	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Acetophenone	ND		390	33	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Anthracene	ND		390	30	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Atrazine	ND		390	27	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzaldehyde	ND		390	69	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzo[a]anthracene	ND		390	32	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzo[a]pyrene	ND		390	62	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzo[b]fluoranthene	ND		390	45	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzo[g,h,i]perylene	ND		390	26	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Benzo[k]fluoranthene	ND		390	77	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
1,1'-Biphenyl	ND		880	880	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Bis(2-chloroethoxy)methane	ND		390	46	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Bis(2-chloroethyl)ether	ND		390	54	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
bis (2-chloroisopropyl) ether	ND		390	36	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Bis(2-ethylhexyl) phthalate	ND		390	35	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Bromophenyl phenyl ether	ND		390	43	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Butyl benzyl phthalate	ND		390	31	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Caprolactam	ND		390	79	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Carbazole	ND		390	36	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Chloroaniline	ND		790	62	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Chloro-3-methylphenol	ND		390	42	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Chloronaphthalene	ND		390	42	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Chlorophenol	ND		390	48	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Chlorophenyl phenyl ether	ND		390	52	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Chrysene	ND		390	25	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Dibenz(a,h)anthracene	ND		390	46	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Dibenzofuran	ND		390	39	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
3,3'-Dichlorobenzidine	ND		790	33	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4-Dichlorophenol	ND		390	42	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Diethyl phthalate	ND		390	44	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4-Dimethylphenol	ND		390	52	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Dimethyl phthalate	ND		390	40	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Di-n-butyl phthalate	ND		390	36	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4,6-Dinitro-2-methylphenol	ND		2000	200	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4-Dinitrophenol	ND		2000	990	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4-Dinitrotoluene	ND		390	58	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,6-Dinitrotoluene	ND		390	50	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Di-n-octyl phthalate	ND		390	35	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Fluoranthene	ND		390	38	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Fluorene	ND		390	43	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Hexachlorobenzene	ND		390	46	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Hexachlorobutadiene	ND		390	43	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Hexachlorocyclopentadiene	ND		390	49	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1

TestAmerica Savannah

2/17/2014

2/18/14
2-18-14

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB4(19-20)-012314

Lab Sample ID: 680-98116-2

Date Collected: 01/23/14 10:25
Date Received: 01/25/14 08:55

Matrix: Solid

Percent Solids: 83.9

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloroethane	ND	UJ	390	33	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Indeno[1,2,3-cd]pyrene	ND		390	33	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Isophorone	ND		390	39	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Methylnaphthalene	ND		390	45	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Methylphenol	ND		390	32	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
3 & 4 Methylphenol	ND		390	51	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Naphthalene	ND		390	36	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Nitroaniline	ND		2000	54	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
3-Nitroaniline	ND		2000	55	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Nitroaniline	ND		2000	58	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Nitrobenzene	ND		390	31	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2-Nitrophenol	ND		390	49	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
4-Nitrophenol	ND		2000	390	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
N-Nitrosodi-n-propylamine	ND		390	38	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
N-Nitrosodiphenylamine	ND		390	39	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Pentachlorophenol	ND		2000	390	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Phenanthrene	ND		390	32	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Phenol	ND		390	40	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Pyrene	ND		390	32	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4,5-Trichlorophenol	ND		390	42	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
2,4,6-Trichlorophenol	ND		390	35	ug/Kg	☒	01/27/14 12:52	01/31/14 20:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl	84		58 - 130				01/27/14 12:52	01/31/14 20:02	1
2-Fluorophenol (Surr)	67		40 - 130				01/27/14 12:52	01/31/14 20:02	1
Nitrobenzene-d5 (Surr)	73		46 - 130				01/27/14 12:52	01/31/14 20:02	1
Phenol-d5 (Surr)	74		49 - 130				01/27/14 12:52	01/31/14 20:02	1
Terphenyl-d14 (Surr)	89		60 - 130				01/27/14 12:52	01/31/14 20:02	1
2,4,6-Tribromophenol (Surr)	98		58 - 130				01/27/14 12:52	01/31/14 20:02	1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	ND		0.27	0.021	mg/Kg	☒	01/27/14 10:16	01/28/14 15:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
a,a,a-Trifluorotoluene	122		70 - 131				01/27/14 10:16	01/28/14 15:02	1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	7.4	J	3.9	2.5	mg/Kg	☒	01/27/14 12:52	01/28/14 19:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	17	X	45 - 130				01/27/14 12:52	01/28/14 19:31	1

Method: 6010C - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	11		1.1	0.57	mg/Kg	☒	01/28/14 08:34	01/31/14 12:08	1

2/18/14

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB4(19-20)-012314

Date Collected: 01/23/14 10:25

Date Received: 01/25/14 08:55

Lab Sample ID: 680-98116-2

Matrix: Solid

Percent Solids: 83.9

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
TPH (1664A)	ND		240	45	mg/Kg	3		01/30/14 14:08	1

1
2
3
4
5
6

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-313832/7

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acetone	ND		50	11	ug/Kg			02/02/14 14:59	1
Benzene	ND		5.0	0.73	ug/Kg			02/02/14 14:59	1
Bromodichloromethane	ND		5.0	0.97	ug/Kg			02/02/14 14:59	1
Bromoform	ND		5.0	1.5	ug/Kg			02/02/14 14:59	1
Bromomethane	ND		5.0	1.5	ug/Kg			02/02/14 14:59	1
2-Butanone	ND		25	2.4	ug/Kg			02/02/14 14:59	1
Carbon disulfide	ND		5.0	1.1	ug/Kg			02/02/14 14:59	1
Carbon tetrachloride	ND		5.0	0.83	ug/Kg			02/02/14 14:59	1
Chlorobenzene	ND		5.0	0.96	ug/Kg			02/02/14 14:59	1
Chloroethane	ND		5.0	2.7	ug/Kg			02/02/14 14:59	1
Chloroform	ND		5.0	1.1	ug/Kg			02/02/14 14:59	1
Chloromethane	ND		5.0	1.0	ug/Kg			02/02/14 14:59	1
cis-1,2-Dichloroethene	ND		5.0	1.4	ug/Kg			02/02/14 14:59	1
cis-1,3-Dichloropropene	ND		5.0	0.83	ug/Kg			02/02/14 14:59	1
Cyclohexane	ND		10	1.3	ug/Kg			02/02/14 14:59	1
Dibromochloromethane	ND		5.0	1.7	ug/Kg			02/02/14 14:59	1
1,2-Dibromo-3-Chloropropane	ND		10	4.4	ug/Kg			02/02/14 14:59	1
1,2-Dibromoethane	ND		5.0	1.5	ug/Kg			02/02/14 14:59	1
1,2-Dichlorobenzene	ND		5.0	1.3	ug/Kg			02/02/14 14:59	1
1,3-Dichlorobenzene	ND		5.0	1.6	ug/Kg			02/02/14 14:59	1
1,4-Dichlorobenzene	ND		5.0	0.74	ug/Kg			02/02/14 14:59	1
Dichlorodifluoromethane	ND		5.0	0.94	ug/Kg			02/02/14 14:59	1
1,1-Dichloroethane	ND		5.0	1.1	ug/Kg			02/02/14 14:59	1
1,2-Dichloroethane	ND		5.0	1.1	ug/Kg			02/02/14 14:59	1
1,1-Dichloroethene	ND		5.0	1.5	ug/Kg			02/02/14 14:59	1
1,2-Dichloropropene	ND		5.0	0.86	ug/Kg			02/02/14 14:59	1
Ethylbenzene	ND		5.0	1.3	ug/Kg			02/02/14 14:59	1
2-Hexanone	ND		25	3.3	ug/Kg			02/02/14 14:59	1
Isopropylbenzene	ND		5.0	1.9	ug/Kg			02/02/14 14:59	1
Methyl acetate	ND		10	5.0	ug/Kg			02/02/14 14:59	1
Methylcyclohexane	ND		10	0.86	ug/Kg			02/02/14 14:59	1
Methylene Chloride	ND		5.0	0.98	ug/Kg			02/02/14 14:59	1
4-Methyl-2-pentanone	ND		25	4.2	ug/Kg			02/02/14 14:59	1
Methyl tert-butyl ether	ND		10	1.0	ug/Kg			02/02/14 14:59	1
Styrene	ND		5.0	0.93	ug/Kg			02/02/14 14:59	1
1,1,2,2-Tetrachloroethane	ND		5.0	1.6	ug/Kg			02/02/14 14:59	1
Tetrachloroethene	ND		5.0	1.9	ug/Kg			02/02/14 14:59	1
Toluene	ND		5.0	0.84	ug/Kg			02/02/14 14:59	1
trans-1,2-Dichloroethene	ND		5.0	0.63	ug/Kg			02/02/14 14:59	1
trans-1,3-Dichloropropene	ND		5.0	0.87	ug/Kg			02/02/14 14:59	1
1,2,4-Trichlorobenzene	ND		5.0	0.89	ug/Kg			02/02/14 14:59	1
1,1,1-Trichloroethane	ND		5.0	0.59	ug/Kg			02/02/14 14:59	1
1,1,2-Trichloroethane	ND		5.0	1.3	ug/Kg			02/02/14 14:59	1
Trichloroethene	ND		5.0	1.3	ug/Kg			02/02/14 14:59	1
Trichlorofluoromethane	ND		5.0	1.2	ug/Kg			02/02/14 14:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0	1.3	ug/Kg			02/02/14 14:59	1
Vinyl chloride	ND		5.0	1.5	ug/Kg			02/02/14 14:59	1
Xylenes, Total	ND		10	1.1	ug/Kg			02/02/14 14:59	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-313832/7

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Method Blank

Prep Type: Total/NA

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene		101			65 - 130		02/02/14 14:59	1
Dibromofluoromethane		104			65 - 130		02/02/14 14:59	1
Toluene-d8 (Surr)		88			65 - 130		02/02/14 14:59	1

Lab Sample ID: LCS 680-313832/4

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
			Added	Result	Qualifier					
Acetone			100	65.5		ug/Kg		66	54 - 139	
Benzene			50.0	46.5		ug/Kg		93	76 - 120	
Bromodichloromethane			50.0	49.4		ug/Kg		99	72 - 131	
Bromoform			50.0	56.9		ug/Kg		114	64 - 150	
Bromomethane			50.0	43.0		ug/Kg		86	10 - 174	
2-Butanone			100	73.2		ug/Kg		73	66 - 123	
Carbon disulfide			50.0	45.5		ug/Kg		91	74 - 125	
Carbon tetrachloride			50.0	54.3		ug/Kg		109	67 - 140	
Chlorobenzene			50.0	55.3		ug/Kg		111	80 - 120	
Chloroethane			50.0	45.2		ug/Kg		90	10 - 176	
Chloroform			50.0	47.3		ug/Kg		95	80 - 121	
Chloromethane			50.0	37.9		ug/Kg		76	48 - 146	
cis-1,2-Dichloroethene			50.0	46.4		ug/Kg		93	80 - 120	
cis-1,3-Dichloropropene			50.0	46.2		ug/Kg		92	74 - 125	
Cyclohexane			50.0	45.3		ug/Kg		91	70 - 130	
Dibromochloromethane			50.0	56.4		ug/Kg		113	77 - 132	
1,2-Dibromo-3-Chloropropane			50.0	58.7		ug/Kg		117	49 - 152	
1,2-Dibromoethane			50.0	51.0		ug/Kg		102	72 - 129	
1,2-Dichlorobenzene			50.0	58.4		ug/Kg		117	75 - 128	
1,3-Dichlorobenzene			50.0	58.7		ug/Kg		117	76 - 128	
1,4-Dichlorobenzene			50.0	58.5		ug/Kg		117	76 - 128	
Dichlorodifluoromethane			50.0	43.0		ug/Kg		86	72 - 134	
1,1-Dichloroethane			50.0	45.1		ug/Kg		90	80 - 120	
1,2-Dichloroethane			50.0	53.4		ug/Kg		107	61 - 140	
1,1-Dichloroethene			50.0	45.7		ug/Kg		91	64 - 138	
1,2-Dichloropropene			50.0	44.3		ug/Kg		89	73 - 121	
Ethylbenzene			50.0	54.2		ug/Kg		108	78 - 121	
2-Hexanone			100	86.4		ug/Kg		86	60 - 126	
Isopropylbenzene			50.0	60.7		ug/Kg		121	79 - 124	
Methyl acetate			50.0	29.7		ug/Kg		59	43 - 135	
Methylcyclohexane			50.0	46.8		ug/Kg		94	77 - 118	
Methylene Chloride			50.0	45.0		ug/Kg		90	80 - 120	
4-Methyl-2-pentanone			100	87.3		ug/Kg		87	59 - 127	
Methyl tert-butyl ether			100	95.2		ug/Kg		95	80 - 121	
Styrene			50.0	55.0		ug/Kg		110	78 - 123	
1,1,2,2-Tetrachloroethane			50.0	51.9		ug/Kg		104	70 - 123	
Tetrachloroethene			50.0	59.9		ug/Kg		120	77 - 130	
Toluene			50.0	48.6		ug/Kg		97	73 - 122	
trans-1,2-Dichloroethene			50.0	46.6		ug/Kg		93	79 - 120	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-313832/4

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits	
	Added	Result	Qualifier						
trans-1,3-Dichloropropene	50.0	51.6		ug/Kg		103	69 - 133		
1,2,4-Trichlorobenzene	50.0	61.3		ug/Kg		123	77 - 142		
1,1,1-Trichloroethane	50.0	53.9		ug/Kg		108	73 - 132		
1,1,2-Trichloroethane	50.0	49.0		ug/Kg		98	72 - 124		
Trichloroethylene	50.0	52.6		ug/Kg		105	78 - 125		
Trichlorofluoromethane	50.0	48.3		ug/Kg		97	60 - 148		
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.1		ug/Kg		102	62 - 141		
Vinyl chloride	50.0	44.7		ug/Kg		89	65 - 133		
Xylenes, Total	150	162		ug/Kg		108	79 - 121		
Surrogate		LCS	LCS						
		%Recovery	Qualifier	Limits					
4-Bromofluorobenzene	104			65 - 130					
Dibromofluoromethane	101			65 - 130					
Toluene-d8 (Surr)	102			65 - 130					

Lab Sample ID: LCSD 680-313832/5

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Added	Result	Qualifier						
Acetone	100	68.2		ug/Kg		68	54 - 139	4	50
Benzene	50.0	46.6		ug/Kg		93	76 - 120	0	50
Bromodichloromethane	50.0	50.0		ug/Kg		100	72 - 131	1	50
Bromoform	50.0	59.1		ug/Kg		118	64 - 150	4	50
Bromomethane	50.0	45.8		ug/Kg		92	10 - 174	6	50
2-Butanone	100	71.8		ug/Kg		72	66 - 123	2	50
Carbon disulfide	50.0	45.7		ug/Kg		91	74 - 125	1	50
Carbon tetrachloride	50.0	54.4		ug/Kg		109	67 - 140	0	50
Chlorobenzene	50.0	55.7		ug/Kg		111	80 - 120	1	50
Chloroethane	50.0	43.3		ug/Kg		87	10 - 176	4	50
Chloroform	50.0	49.5		ug/Kg		99	80 - 121	5	50
Chloromethane	50.0	36.1		ug/Kg		72	48 - 146	5	50
cis-1,2-Dichloroethene	50.0	47.4		ug/Kg		95	80 - 120	2	50
cis-1,3-Dichloropropene	50.0	47.2		ug/Kg		94	74 - 125	2	50
Cyclohexane	50.0	45.8		ug/Kg		92	70 - 130	1	50
Dibromochloromethane	50.0	56.4		ug/Kg		113	77 - 132	0	50
1,2-Dibromo-3-Chloropropane	50.0	60.2		ug/Kg		120	49 - 152	2	50
1,2-Dibromoethane	50.0	51.2		ug/Kg		102	72 - 129	0	50
1,2-Dichlorobenzene	50.0	61.0		ug/Kg		122	75 - 128	4	50
1,3-Dichlorobenzene	50.0	59.9		ug/Kg		120	76 - 128	2	50
1,4-Dichlorobenzene	50.0	60.5		ug/Kg		121	76 - 128	3	50
Dichlorodifluoromethane	50.0	42.9		ug/Kg		86	72 - 134	0	50
1,1-Dichloroethane	50.0	44.8		ug/Kg		90	80 - 120	1	50
1,2-Dichloroethane	50.0	54.3		ug/Kg		109	61 - 140	2	50
1,1-Dichloroethene	50.0	44.9		ug/Kg		90	64 - 138	2	50
1,2-Dichloropropene	50.0	45.4		ug/Kg		91	73 - 121	2	50
Ethylbenzene	50.0	55.7		ug/Kg		111	78 - 121	3	50

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 680-313832/5

Matrix: Solid

Analysis Batch: 313832

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.		RPD	RPD Limit
	Added	Result	Qualifier				Limits	Limit		
2-Hexanone	100	89.4		ug/Kg		89	60 - 126	4	50	
Isopropylbenzene	50.0	61.3		ug/Kg		123	79 - 124	1	50	
Methyl acetate	50.0	30.3		ug/Kg		61	43 - 135	2	50	
Methylcyclohexane	50.0	47.9		ug/Kg		96	77 - 118	2	50	
Methylene Chloride	50.0	46.4		ug/Kg		93	80 - 120	3	50	
4-Methyl-2-pentanone	100	85.7		ug/Kg		86	59 - 127	2	50	
Methyl tert-butyl ether	100	96.9		ug/Kg		97	80 - 121	2	50	
Styrene	50.0	55.0		ug/Kg		110	78 - 123	0	50	
1,1,2,2-Tetrachloroethane	50.0	55.5		ug/Kg		111	70 - 123	7	50	
Tetrachloroethene	50.0	60.2		ug/Kg		120	77 - 130	0	50	
Toluene	50.0	49.6		ug/Kg		99	73 - 122	2	50	
trans-1,2-Dichloroethene	50.0	47.3		ug/Kg		95	79 - 120	2	50	
trans-1,3-Dichloropropene	50.0	51.3		ug/Kg		103	69 - 133	1	50	
1,2,4-Trichlorobenzene	50.0	64.1		ug/Kg		128	77 - 142	4	50	
1,1,1-Trichloroethane	50.0	54.3		ug/Kg		109	73 - 132	1	50	
1,1,2-Trichloroethane	50.0	48.8		ug/Kg		98	72 - 124	0	50	
Trichloroethene	50.0	51.9		ug/Kg		104	78 - 125	1	50	
Trichlorofluoromethane	50.0	48.4		ug/Kg		97	60 - 148	0	50	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	49.9		ug/Kg		100	62 - 141	2	50	
Vinyl chloride	50.0	43.9		ug/Kg		88	65 - 133	2	50	
Xylenes, Total	150	164		ug/Kg		110	79 - 121	1	50	

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	106		65 - 130
Dibromofluoromethane	104		65 - 130
Toluene-d8 (Surr)	101		65 - 130

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 680-313088/3-A

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313088

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Acenaphthene	ND		330	41	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Acenaphthylene	ND		330	36	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Acetophenone	ND		330	28	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Anthracene	ND		330	25	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Atrazine	ND		330	23	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzaldehyde	ND		330	58	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzo[a]anthracene	ND		330	27	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzo[a]pyrene	ND		330	52	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzo[b]fluoranthene	ND		330	38	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzo[g,h,i]perylene	ND		330	22	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Benzo[k]fluoranthene	ND		330	65	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
1,1'-Biphenyl	ND		740	740	ug/Kg		01/27/14 12:52	01/31/14 17:59	1
Bis(2-chloroethoxy)methane	ND		330	39	ug/Kg		01/27/14 12:52	01/31/14 17:59	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-313088/3-A

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313088

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethyl)ether	ND		330	45	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
bis (2-chloroisopropyl) ether	ND		330	30	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Bis(2-ethylhexyl) phthalate	ND		330	29	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Bromophenyl phenyl ether	ND		330	36	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Butyl benzyl phthalate	ND		330	26	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Caprolactam	ND		330	66	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Carbazole	ND		330	30	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Chloroaniline	ND		660	52	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Chloro-3-methylphenol	ND		330	35	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Chloronaphthalene	ND		330	35	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Chlorophenol	ND		330	40	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Chlorophenyl phenyl ether	ND		330	44	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Chrysene	ND		330	21	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Dibenz(a,h)anthracene	ND		330	39	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Dibenzofuran	ND		330	33	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
3,3'-Dichlorobenzidine	ND		660	28	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2,4-Dichlorophenol	ND		330	35	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Diethyl phthalate	ND		330	37	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2,4-Dimethylphenol	ND		330	44	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Dimethyl phthalate	ND		330	34	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Di-n-butyl phthalate	ND		330	30	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4,6-Dinitro-2-methylphenol	ND		1700	170	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2,4-Dinitrophenol	ND		1700	830	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2,4-Dinitrotoluene	ND		330	49	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2,6-Dinitrotoluene	ND		330	42	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Di-n-octyl phthalate	ND		330	29	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Fluoranthene	ND		330	32	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Fluorene	ND		330	36	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Hexachlorobenzene	ND		330	39	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Hexachlorobutadiene	ND		330	36	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Hexachlorocyclopentadiene	ND		330	41	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Hexachloroethane	ND		330	28	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Indeno[1,2,3-cd]pyrene	ND		330	28	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Isophorone	ND		330	33	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Methylnaphthalene	ND		330	38	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Methylphenol	ND		330	27	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
3 & 4 Methylphenol	ND		330	43	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Naphthalene	ND		330	30	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Nitroaniline	ND		1700	45	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
3-Nitroaniline	ND		1700	46	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Nitroaniline	ND		1700	49	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Nitrobenzene	ND		330	26	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
2-Nitrophenol	ND		330	41	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
4-Nitrophenol	ND		1700	330	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
N-Nitrosodi-n-propylamine	ND		330	32	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
N-Nitrosodiphenylamine	ND		330	33	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Pentachlorophenol	ND		1700	330	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	
Phenanthrene	ND		330	27	ug/Kg	01/27/14 12:52	01/31/14 17:59	1	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 680-313088/3-A

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 313088

Analyte	MB		RL	MDL	Unit	D	Prepared		Dil Fac
	Result	Qualifier					Prepared	Analyzed	
Phenol	ND		330	34	ug/Kg	01/27/14 12:52	01/31/14 17:59		1
Pyrene	ND		330	27	ug/Kg	01/27/14 12:52	01/31/14 17:59		1
2,4,5-Trichlorophenol	ND		330	35	ug/Kg	01/27/14 12:52	01/31/14 17:59		1
2,4,6-Trichlorophenol	ND		330	29	ug/Kg	01/27/14 12:52	01/31/14 17:59		1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
2-Fluorobiphenyl	66		58 - 130	01/27/14 12:52	01/31/14 17:59	1
2-Fluorophenol (Surr)	53		40 - 130	01/27/14 12:52	01/31/14 17:59	1
Nitrobenzene-d5 (Surr)	60		46 - 130	01/27/14 12:52	01/31/14 17:59	1
Phenol-d5 (Surr)	59		49 - 130	01/27/14 12:52	01/31/14 17:59	1
Terphenyl-d14 (Surr)	63		60 - 130	01/27/14 12:52	01/31/14 17:59	1
2,4,6-Tribromophenol (Surr)	73		58 - 130	01/27/14 12:52	01/31/14 17:59	1

Lab Sample ID: LCS 680-313088/4-A

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Spike		LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
	Added	Added						
Acenaphthene	3330		2590		ug/Kg	78	58 - 130	
Acenaphthylene	3330		2840		ug/Kg	85	58 - 130	
Acetophenone	3330		2620		ug/Kg	79	42 - 130	
Anthracene	3330		2700		ug/Kg	81	60 - 130	
Atrazine	3330		2400		ug/Kg	72	54 - 141	
Benzaldehyde	3330		682		ug/Kg	20	10 - 130	
Benzo[a]anthracene	3330		2890		ug/Kg	87	62 - 130	
Benzo[a]pyrene	3330		2820		ug/Kg	85	68 - 131	
Benzo[b]fluoranthene	3330		2740		ug/Kg	82	53 - 130	
Benzo[g,h,i]perylene	3330		2950		ug/Kg	89	54 - 130	
Benzo[k]fluoranthene	3330		2930		ug/Kg	88	57 - 130	
1,1'-Biphenyl	3330		2630		ug/Kg	79	57 - 130	
Bis(2-chloroethoxy)methane	3330		2830		ug/Kg	85	56 - 130	
Bis(2-chloroethyl)ether	3330		2490		ug/Kg	75	42 - 130	
bis (2-chloroisopropyl) ether	3330		2560		ug/Kg	77	44 - 130	
Bis(2-ethylhexyl) phthalate	3330		2950		ug/Kg	89	62 - 132	
4-Bromophenyl phenyl ether	3330		3070		ug/Kg	92	65 - 130	
Butyl benzyl phthalate	3330		2810		ug/Kg	84	65 - 134	
Caprolactam	3330		2660		ug/Kg	80	52 - 130	
Carbazole	3330		2900		ug/Kg	87	60 - 130	
4-Chloroaniline	3330		1540		ug/Kg	46	36 - 130	
4-Chloro-3-methylphenol	3330		2970		ug/Kg	89	52 - 130	
2-Chloronaphthalene	3330		2690		ug/Kg	81	55 - 130	
2-Chlorophenol	3330		2630		ug/Kg	79	51 - 130	
4-Chlorophenyl phenyl ether	3330		3100		ug/Kg	93	61 - 130	
Chrysene	3330		3170		ug/Kg	95	62 - 130	
Dibenz(a,h)anthracene	3330		2950		ug/Kg	89	56 - 130	
Dibenzofuran	3330		2810		ug/Kg	85	56 - 130	
3,3'-Dichlorobenzidine	3330		2600		ug/Kg	78	45 - 130	
2,4-Dichlorophenol	3330		3030		ug/Kg	91	53 - 130	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 680-313088/4-A

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Diethyl phthalate	3330	2930		ug/Kg		88	62 - 130
2,4-Dimethylphenol	3330	2640		ug/Kg		79	47 - 130
Dimethyl phthalate	3330	2870		ug/Kg		86	63 - 130
Di-n-butyl phthalate	3330	2650		ug/Kg		79	65 - 130
4,6-Dinitro-2-methylphenol	3330	3240		ug/Kg		97	14 - 137
2,4-Dinitrophenol	3330	2930		ug/Kg		88	10 - 154
2,4-Dinitrotoluene	3330	2960		ug/Kg		89	55 - 130
2,6-Dinitrotoluene	3330	3100		ug/Kg		93	57 - 130
Di-n-octyl phthalate	3330	2790		ug/Kg		84	59 - 146
Fluoranthene	3330	2860		ug/Kg		86	62 - 130
Fluorene	3330	2810		ug/Kg		84	58 - 130
Hexachlorobenzene	3330	2960		ug/Kg		89	59 - 130
Hexachlorobutadiene	3330	3280		ug/Kg		99	47 - 130
Hexachlorocyclopentadiene	3330	2930		ug/Kg		88	35 - 130
Hexachloroethane	3330	2380		ug/Kg		71	44 - 130
Indeno[1,2,3-cd]pyrene	3330	2900		ug/Kg		87	52 - 130
Isophorone	3330	2600		ug/Kg		78	48 - 130
2-Methylnaphthalene	3330	2600		ug/Kg		78	55 - 130
2-Methylphenol	3330	2570		ug/Kg		77	49 - 130
3 & 4 Methylphenol	3330	2780		ug/Kg		83	50 - 130
Naphthalene	3330	2630		ug/Kg		79	54 - 130
2-Nitroaniline	3330	2870		ug/Kg		86	52 - 130
3-Nitroaniline	3330	2210		ug/Kg		66	42 - 130
4-Nitroaniline	3330	3020		ug/Kg		91	49 - 130
Nitrobenzene	3330	2600		ug/Kg		78	43 - 130
2-Nitrophenol	3330	2940		ug/Kg		88	45 - 130
4-Nitrophenol	3330	3490		ug/Kg		105	30 - 130
N-Nitrosodi-n-propylamine	3330	2610		ug/Kg		78	48 - 130
N-Nitrosodiphenylamine	3330	2870		ug/Kg		86	62 - 130
Pentachlorophenol	3330	3460		ug/Kg		104	38 - 131
Phenanthrene	3330	2810		ug/Kg		85	61 - 130
Phenol	3330	2700		ug/Kg		81	46 - 130
Pyrene	3330	2900		ug/Kg		87	59 - 130
2,4,5-Trichlorophenol	3330	3220		ug/Kg		97	60 - 130
2,4,6-Trichlorophenol	3330	3220		ug/Kg		97	53 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	81		58 - 130
2-Fluorophenol (Surr)	77		40 - 130
Nitrobenzene-d5 (Surr)	78		46 - 130
Phenol-d5 (Surr)	83		49 - 130
Terphenyl-d14 (Surr)	94		60 - 130
2,4,6-Tribromophenol (Surr)	108		58 - 130

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-98116-1 MS

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Sample	Sample	Spike	MS		Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	
Acenaphthene	ND		4130	1380	F1	ug/Kg	⊗	33	58 - 130	
Acenaphthylene	ND		4130	1530	F1	ug/Kg	⊗	37	58 - 130	
Acetophenone	270	J	4130	1950	F1	ug/Kg	⊗	41	42 - 130	
Anthracene	ND		4130	1530	F1	ug/Kg	⊗	37	60 - 130	
Atrazine	ND		4130	1300	F1	ug/Kg	⊗	32	54 - 141	
Benzaldehyde	ND		4130	1160		ug/Kg	⊗	28	10 - 130	
Benzo[a]anthracene	ND		4130	1490	F1	ug/Kg	⊗	36	62 - 130	
Benzo[a]pyrene	ND		4130	1320	F1	ug/Kg	⊗	32	68 - 131	
Benzo[b]fluoranthene	ND		4130	1440	F1	ug/Kg	⊗	35	53 - 130	
Benzo[g,h,i]perylene	29	J	4130	1250	F1	ug/Kg	⊗	29	54 - 130	
Benzo[k]fluoranthene	ND		4130	1320	F1	ug/Kg	⊗	32	57 - 130	
1,1'-Biphenyl	ND		4130	1450	F1	ug/Kg	⊗	35	57 - 130	
Bis(2-chloroethoxy)methane	ND		4130	1550	F1	ug/Kg	⊗	37	56 - 130	
Bis(2-chloroethyl)ether	ND		4130	1410	F1	ug/Kg	⊗	34	42 - 130	
bis (2-chloroisopropyl) ether	ND		4130	1370	F1	ug/Kg	⊗	33	44 - 130	
Bis(2-ethylhexyl) phthalate	ND		4130	1710	F1	ug/Kg	⊗	42	62 - 132	
4-Bromophenyl phenyl ether	ND		4130	1750	F1	ug/Kg	⊗	42	65 - 130	
Butyl benzyl phthalate	ND		4130	1500	F1	ug/Kg	⊗	36	65 - 134	
Caprolactam	ND		4130	ND	F1	ug/Kg	⊗	0	52 - 130	
Carbazole	ND		4130	1580	F1	ug/Kg	⊗	38	60 - 130	
4-Chloroaniline	ND		4130	461	J F1	ug/Kg	⊗	11	36 - 130	
4-Chloro-3-methylphenol	ND		4130	1550	F1	ug/Kg	⊗	38	52 - 130	
2-Chloronaphthalene	ND		4130	1530	F1	ug/Kg	⊗	37	55 - 130	
2-Chlorophenol	ND		4130	1410	F1	ug/Kg	⊗	34	51 - 130	
4-Chlorophenyl phenyl ether	ND		4130	1680	F1	ug/Kg	⊗	41	61 - 130	
Chrysene	29	J	4130	1650	F1	ug/Kg	⊗	39	62 - 130	
Dibenz(a,h)anthracene	ND		4130	1330	F1	ug/Kg	⊗	32	56 - 130	
Dibenzofuran	52	J	4130	1600	F1	ug/Kg	⊗	37	56 - 130	
3,3'-Dichlorobenzidine	ND		4130	ND	F1	ug/Kg	⊗	0	45 - 130	
2,4-Dichlorophenol	ND		4130	1610	F1	ug/Kg	⊗	39	53 - 130	
Diethyl phthalate	ND		4130	1550	F1	ug/Kg	⊗	38	62 - 130	
2,4-Dimethylphenol	ND		4130	1540	F1	ug/Kg	⊗	37	47 - 130	
Dimethyl phthalate	ND		4130	1550	F1	ug/Kg	⊗	37	63 - 130	
Di-n-butyl phthalate	ND		4130	1360	F1	ug/Kg	⊗	33	65 - 130	
4,6-Dinitro-2-methylphenol	ND		4130	1140	J	ug/Kg	⊗	27	14 - 137	
2,4-Dinitrophenol	ND		4130	ND	F1	ug/Kg	⊗	0	10 - 154	
2,4-Dinitrotoluene	ND		4130	1450	F1	ug/Kg	⊗	35	55 - 130	
2,6-Dinitrotoluene	ND		4130	1700	F1	ug/Kg	⊗	41	57 - 130	
Di-n-octyl phthalate	ND		4130	1340	F1	ug/Kg	⊗	32	59 - 146	
Fluoranthene	ND		4130	1520	F1	ug/Kg	⊗	37	62 - 130	
Fluorene	ND		4130	1530	F1	ug/Kg	⊗	37	58 - 130	
Hexachlorobenzene	ND		4130	1650	F1	ug/Kg	⊗	40	59 - 130	
Hexachlorobutadiene	ND		4130	1800	F1	ug/Kg	⊗	44	47 - 130	
Hexachlorocyclopentadiene	ND		4130	794	F1	ug/Kg	⊗	19	35 - 130	
Hexachloroethane	ND		4130	1630	F1	ug/Kg	⊗	39	44 - 130	
Indeno[1,2,3-cd]pyrene	ND		4130	1220	F1	ug/Kg	⊗	30	52 - 130	
Isophorone	ND		4130	1390	F1	ug/Kg	⊗	34	48 - 130	
2-Methylnaphthalene	400	J	4130	1700	F1	ug/Kg	⊗	31	55 - 130	

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-98116-1 MS

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
2-Methylphenol	ND		4130	1380	F1	ug/Kg	⊗	34	49 - 130	
3 & 4 Methylphenol	ND		4130	1520	F1	ug/Kg	⊗	37	50 - 130	
Naphthalene	470		4130	1820	F1	ug/Kg	⊗	33	54 - 130	
2-Nitroaniline	ND		4130	1480	J F1	ug/Kg	⊗	36	52 - 130	
3-Nitroaniline	ND		4130	1050	J F1	ug/Kg	⊗	25	42 - 130	
4-Nitroaniline	ND		4130	1330	J F1	ug/Kg	⊗	32	49 - 130	
Nitrobenzene	ND		4130	1440	F1	ug/Kg	⊗	35	43 - 130	
2-Nitrophenol	ND		4130	1500	F1	ug/Kg	⊗	36	45 - 130	
4-Nitrophenol	ND		4130	1870	J	ug/Kg	⊗	45	30 - 130	
N-Nitrosodi-n-propylamine	ND		4130	1440	F1	ug/Kg	⊗	35	48 - 130	
N-Nitrosodiphenylamine	ND		4130	1670	F1	ug/Kg	⊗	40	62 - 130	
Pentachlorophenol	ND		4130	1990	J	ug/Kg	⊗	48	38 - 131	
Phenanthrene	76	J	4130	1660	F1	ug/Kg	⊗	38	61 - 130	
Phenol	ND		4130	1410	F1	ug/Kg	⊗	34	46 - 130	
Pyrene	43	J	4130	1490	F1	ug/Kg	⊗	35	59 - 130	
2,4,5-Trichlorophenol	ND		4130	1770	F1	ug/Kg	⊗	43	60 - 130	
2,4,6-Trichlorophenol	ND		4130	1730	F1	ug/Kg	⊗	42	53 - 130	

MS MS

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl	38	X	58 - 130
2-Fluorophenol (Surr)	31	X	40 - 130
Nitrobenzene-d5 (Surr)	33	X	46 - 130
Phenol-d5 (Surr)	34	X	49 - 130
Terphenyl-d14 (Surr)	38	X	60 - 130
2,4,6-Tribromophenol (Surr)	45	X	58 - 130

Lab Sample ID: 680-98116-1 MSD

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Acenaphthene	ND		4120	1050	F1	ug/Kg	⊗	25	58 - 130	27	50
Acenaphthylene	ND		4120	1120	F1	ug/Kg	⊗	27	58 - 130	31	50
Acetophenone	270	J	4120	1450	F1	ug/Kg	⊗	28	42 - 130	30	50
Anthracene	ND		4120	1150	F1	ug/Kg	⊗	28	60 - 130	28	50
Atrazine	ND		4120	1010	F1	ug/Kg	⊗	24	54 - 141	26	50
Benzaldehyde	ND		4120	1060		ug/Kg	⊗	26	10 - 130	10	50
Benzo[a]anthracene	ND		4120	1080	F1	ug/Kg	⊗	26	62 - 130	32	50
Benzo[a]pyrene	ND		4120	972	F1	ug/Kg	⊗	24	68 - 131	30	50
Benzo[b]fluoranthene	ND		4120	1080	F1	ug/Kg	⊗	26	53 - 130	29	50
Benzo[g,h,i]perylene	29	J	4120	935	F1	ug/Kg	⊗	22	54 - 130	29	50
Benzo[k]fluoranthene	ND		4120	1000	F1	ug/Kg	⊗	24	57 - 130	27	50
1,1'-Biphenyl	ND		4120	1090	F1	ug/Kg	⊗	26	57 - 130	29	50
Bis(2-chloroethoxy)methane	ND		4120	1180	F1	ug/Kg	⊗	29	56 - 130	27	50
Bis(2-chloroethyl)ether	ND		4120	1010	F1	ug/Kg	⊗	25	42 - 130	33	50
bis (2-chloroisopropyl) ether	ND		4120	1100	F1	ug/Kg	⊗	27	44 - 130	23	50
Bis(2-ethylhexyl) phthalate	ND		4120	1270	F1	ug/Kg	⊗	31	62 - 132	29	50
4-Bromophenyl phenyl ether	ND		4120	1240	F1	ug/Kg	⊗	30	65 - 130	34	50

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-98116-1 MSD

Matrix: Solid

Analysis Batch: 313707

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313088

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Butyl benzyl phthalate	ND		4120	1090	F1	ug/Kg	⊗	26	65 - 134	32	50
Caprolactam	ND		4120	ND	F1	ug/Kg	⊗	0	52 - 130	NC	50
Carbazole	ND		4120	1220	F1	ug/Kg	⊗	29	60 - 130	26	50
4-Chloroaniline	ND		4120	410	J F1	ug/Kg	⊗	10	36 - 130	12	50
4-Chloro-3-methylphenol	ND		4120	1210	F1	ug/Kg	⊗	29	52 - 130	24	50
2-Chloronaphthalene	ND		4120	1150	F1	ug/Kg	⊗	28	55 - 130	28	50
2-Chlorophenol	ND		4120	1060	F1	ug/Kg	⊗	26	51 - 130	28	50
4-Chlorophenyl phenyl ether	ND		4120	1260	F1	ug/Kg	⊗	31	61 - 130	29	50
Chrysene	29	J	4120	1210	F1	ug/Kg	⊗	29	62 - 130	31	50
Dibenz(a,h)anthracene	ND		4120	975	F1	ug/Kg	⊗	24	56 - 130	31	50
Dibenzofuran	52	J	4120	1220	F1	ug/Kg	⊗	28	56 - 130	27	50
3,3'-Dichlorobenzidine	ND		4120	ND	F1	ug/Kg	⊗	0	45 - 130	NC	50
2,4-Dichlorophenol	ND		4120	1230	F1	ug/Kg	⊗	30	53 - 130	27	50
Diethyl phthalate	ND		4120	1220	F1	ug/Kg	⊗	30	62 - 130	24	50
2,4-Dimethylphenol	ND		4120	1200	F1	ug/Kg	⊗	29	47 - 130	24	50
Dimethyl phthalate	ND		4120	1160	F1	ug/Kg	⊗	28	63 - 130	28	50
Di-n-butyl phthalate	ND		4120	1030	F1	ug/Kg	⊗	25	65 - 130	28	50
4,6-Dinitro-2-methylphenol	ND		4120	796	J	ug/Kg	⊗	19	14 - 137	35	50
2,4-Dinitrophenol	ND		4120	ND	F1	ug/Kg	⊗	0	10 - 154	NC	50
2,4-Dinitrotoluene	ND		4120	1120	F1	ug/Kg	⊗	27	55 - 130	26	50
2,6-Dinitrotoluene	ND		4120	1220	F1	ug/Kg	⊗	30	57 - 130	33	50
Di-n-octyl phthalate	ND		4120	978	F1	ug/Kg	⊗	24	59 - 146	31	50
Fluoranthene	ND		4120	1190	F1	ug/Kg	⊗	29	62 - 130	25	50
Fluorene	ND		4120	1210	F1	ug/Kg	⊗	29	58 - 130	24	50
Hexachlorobenzene	ND		4120	1240	F1	ug/Kg	⊗	30	59 - 130	28	50
Hexachlorobutadiene	ND		4120	1350	F1	ug/Kg	⊗	33	47 - 130	28	50
Hexachlorocyclopentadiene	ND		4120	391	J F1 F2	ug/Kg	⊗	9	35 - 130	68	50
Hexachloroethane	ND		4120	1230	F1	ug/Kg	⊗	30	44 - 130	28	50
Indeno[1,2,3-cd]pyrene	ND		4120	885	F1	ug/Kg	⊗	21	52 - 130	32	50
Isophorone	ND		4120	1060	F1	ug/Kg	⊗	26	48 - 130	26	50
2-Methylnaphthalene	400	J	4120	1410	F1	ug/Kg	⊗	25	55 - 130	18	50
2-Methylphenol	ND		4120	1020	F1	ug/Kg	⊗	25	49 - 130	30	50
3 & 4 Methylphenol	ND		4120	1190	F1	ug/Kg	⊗	29	50 - 130	25	50
Naphthalene	470		4120	1450	F1	ug/Kg	⊗	24	54 - 130	23	50
2-Nitroaniline	ND		4120	1170	J F1	ug/Kg	⊗	28	52 - 130	24	50
3-Nitroaniline	ND		4120	709	J F1	ug/Kg	⊗	17	42 - 130	39	50
4-Nitroaniline	ND		4120	1110	J F1	ug/Kg	⊗	27	49 - 130	18	50
Nitrobenzene	ND		4120	1090	F1	ug/Kg	⊗	26	43 - 130	28	50
2-Nitrophenol	ND		4120	1110	F1	ug/Kg	⊗	27	45 - 130	31	50
4-Nitrophenol	ND		4120	1420	J	ug/Kg	⊗	34	30 - 130	27	50
N-Nitrosodi-n-propylamine	ND		4120	1110	F1	ug/Kg	⊗	27	48 - 130	26	50
N-Nitrosodiphenylamine	ND		4120	1260	F1	ug/Kg	⊗	31	62 - 130	28	50
Pentachlorophenol	ND		4120	1510	J F1	ug/Kg	⊗	37	38 - 131	27	50
Phenanthrene	76	J	4120	1270	F1	ug/Kg	⊗	29	61 - 130	27	50
Phenol	ND		4120	1080	F1	ug/Kg	⊗	26	46 - 130	27	50
Pyrene	43	J	4120	1140	F1	ug/Kg	⊗	26	59 - 130	27	50
2,4,5-Trichlorophenol	ND		4120	1290	F1	ug/Kg	⊗	31	60 - 130	31	50
2,4,6-Trichlorophenol	ND		4120	1300	F1	ug/Kg	⊗	31	53 - 130	29	50

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 680-98116-1 MSD
Matrix: Solid
Analysis Batch: 313707

Client Sample ID: WGS-SS-SB2(2-3)-012214
Prep Type: Total/NA
Prep Batch: 313088

Surrogate	MSD	MSD	%Recovery	Qualifier	Limits
2-Fluorobiphenyl	26	X			58 - 130
2-Fluorophenol (Surr)	23	X			40 - 130
Nitrobenzene-d5 (Surr)	24	X			46 - 130
Phenol-d5 (Surr)	26	X			49 - 130
Terphenyl-d14 (Surr)	27	X			60 - 130
2,4,6-Tribromophenol (Surr)	33	X			58 - 130

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics)

Lab Sample ID: MB 680-313242/7
Matrix: Solid
Analysis Batch: 313242

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	ND				0.25	0.019	mg/Kg			01/28/14 12:58	1
<hr/>											
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Lab Sample ID: LCS 680-313242/5
Matrix: Solid
Analysis Batch: 313242

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	LCS	LCS	Spike	Added	LCS	LCS	Unit	D	%Rec.	Limts
Gasoline Range Organics (GRO) -C6-C10				1.00	0.848		mg/Kg		85	64 - 133
<hr/>										
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Lab Sample ID: LCSD 680-313242/6
Matrix: Solid
Analysis Batch: 313242

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	LCSD	LCSD	Spike	Added	LCSD	LCSD	Unit	D	%Rec.	RPD	Limit	
Gasoline Range Organics (GRO) -C6-C10				1.00	1.04		mg/Kg		104	64 - 133	21	50
<hr/>												
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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Gasoline Range Organics) (Continued)

Lab Sample ID: MB 680-313424/7

Matrix: Solid

Analysis Batch: 313424

**Client Sample ID: Method Blank
Prep Type: Total/NA**

Analyte	Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO) -C6-C10	ND		5.0	0.38	mg/Kg	-		01/30/14 11:43	20
<hr/>									
Surrogate									
<i>a,a,a-Trifluorotoluene</i>	106	MB %Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac
			70 - 131					01/30/14 11:43	20

Lab Sample ID: LCS 680-313424/5

Matrix: Solid

Analysis Batch: 313424

**Client Sample ID: Lab Control Sample
Prep Type: Total/NA**

Analyte		Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
Gasoline Range Organics (GRO) -C6-C10		40.0	37.5		mg/Kg	-	94	64 - 133
<hr/>								
Surrogate								
<i>a,a,a-Trifluorotoluene</i>	98	LCS %Recovery Qualifier	Limits					
			70 - 131					

Lab Sample ID: LCSD 680-313424/6

Matrix: Solid

Analysis Batch: 313424

**Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA**

Analyte		Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec.	RPD	RPD
Gasoline Range Organics (GRO) -C6-C10		40.0	35.3		mg/Kg	-	88	64 - 133	6	50
<hr/>										
Surrogate										
<i>a,a,a-Trifluorotoluene</i>	98	LCSD %Recovery Qualifier	Limits							
			70 - 131							

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics)

Lab Sample ID: MB 680-313099/3-A

Matrix: Solid

Analysis Batch: 313354

**Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313099**

Analyte	Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics [C10-C28]	ND		3.3	2.1	mg/Kg	-	01/27/14 12:52	01/28/14 17:29	1
<hr/>									
Surrogate									
<i>o-Terphenyl (Surr)</i>	59	MB %Recovery Qualifier	Limits				Prepared	Analyzed	Dil Fac
			45 - 130				01/27/14 12:52	01/28/14 17:29	1

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QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 8015C - Nonhalogenated Organics using GC/FID -Modified (Diesel Range Organics) (Continued)

Lab Sample ID: LCS 680-313099/4-A

Matrix: Solid

Analysis Batch: 313354

**Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313099**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	33.3	24.1		mg/Kg		72	35 - 130
Surrogate							
<i>o-Terphenyl (Surr)</i>	55						
<i>o-Terphenyl (Surr)</i>							

Lab Sample ID: 680-98116-2 MS

Matrix: Solid

Analysis Batch: 313354

**Client Sample ID: WGS-SS-SB4(19-20)-012314
Prep Type: Total/NA
Prep Batch: 313099**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	7.4		39.9	18.2	F1	mg/Kg	⊗	27	35 - 130
Surrogate									
<i>o-Terphenyl (Surr)</i>	26	X		45 - 130					
<i>o-Terphenyl (Surr)</i>									

Lab Sample ID: 680-98116-2 MSD

Matrix: Solid

Analysis Batch: 313354

**Client Sample ID: WGS-SS-SB4(19-20)-012314
Prep Type: Total/NA
Prep Batch: 313099**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	RPD	RPD	Limit
Diesel Range Organics [C10-C28]	7.4		39.8	16.6	F1	mg/Kg	⊗	23	35 - 130	10	50
Surrogate											
<i>o-Terphenyl (Surr)</i>	20	X		45 - 130							
<i>o-Terphenyl (Surr)</i>											

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 680-313211/1-A

Matrix: Solid

Analysis Batch: 313741

**Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313211**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	ND		0.98	0.52	mg/Kg		01/28/14 08:34	01/31/14 11:15	1

Lab Sample ID: LCS 680-313211/2-A

Matrix: Solid

Analysis Batch: 313741

**Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313211**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lead	5.00	4.94		mg/Kg		99	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 680-98116-1 MS

Matrix: Solid

Analysis Batch: 313741

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313211

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD
Lead	53		5.39	54.1	4	mg/Kg	⊗	24	75 - 125	

Lab Sample ID: 680-98116-1 MSD

Matrix: Solid

Analysis Batch: 313741

Client Sample ID: WGS-SS-SB2(2-3)-012214

Prep Type: Total/NA

Prep Batch: 313211

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.		RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	RPD	Limit
Lead	53		5.90	43.4	4 F2	mg/Kg	⊗	-159	75 - 125	22	20

Method: 1664A - HEM and SGT-HEM

Lab Sample ID: MB 680-313540/3

Matrix: Solid

Analysis Batch: 313540

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
	Result	Qualifier							01/30/14 14:08	1
TPH (1664A)	ND		100	19	mg/Kg					

Lab Sample ID: LCS 680-313540/4

Matrix: Solid

Analysis Batch: 313540

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier				Limits	RPD
TPH (1664A)	661	605		mg/Kg	⊗	92	60 - 140	

Lab Sample ID: LCSD 680-313540/5

Matrix: Solid

Analysis Batch: 313540

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	
	Added	Result	Qualifier				Limits	RPD
TPH (1664A)	664	608		mg/Kg	⊗	91	60 - 140	0 50

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

GC/MS VOA

Analysis Batch: 313832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8260B	313842
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8260B	313842
LCS 680-313832/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 680-313832/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
MB 680-313832/7	Method Blank	Total/NA	Solid	8260B	

Prep Batch: 313842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	5030B	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	5030B	

GC/MS Semi VOA

Prep Batch: 313088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3546	
680-98116-1 MS	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3546	
680-98116-1 MSD	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3546	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	3546	
LCS 680-313088/4-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-313088/3-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 313707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8270D	313088
680-98116-1 MS	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8270D	313088
680-98116-1 MSD	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8270D	313088
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8270D	313088
LCS 680-313088/4-A	Lab Control Sample	Total/NA	Solid	8270D	313088
MB 680-313088/3-A	Method Blank	Total/NA	Solid	8270D	313088

GC VOA

Prep Batch: 313093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	5035	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	5035	

Analysis Batch: 313242

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8015C	313093
LCS 680-313242/5	Lab Control Sample	Total/NA	Solid	8015C	
LCSD 680-313242/6	Lab Control Sample Dup	Total/NA	Solid	8015C	
MB 680-313242/7	Method Blank	Total/NA	Solid	8015C	

Analysis Batch: 313424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8015C	313093
LCS 680-313424/5	Lab Control Sample	Total/NA	Solid	8015C	
LCSD 680-313424/6	Lab Control Sample Dup	Total/NA	Solid	8015C	

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QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

GC VOA (Continued)

Analysis Batch: 313424 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 680-313424/7	Method Blank	Total/NA	Solid	8015C	

GC Semi VOA

Prep Batch: 313099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1 - DL	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3546	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	3546	
680-98116-2 MS	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	3546	
680-98116-2 MSD	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	3546	
LCS 680-313099/4-A	Lab Control Sample	Total/NA	Solid	3546	
MB 680-313099/3-A	Method Blank	Total/NA	Solid	3546	

Analysis Batch: 313354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8015C	313099
680-98116-2 MS	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8015C	313099
680-98116-2 MSD	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	8015C	313099
LCS 680-313099/4-A	Lab Control Sample	Total/NA	Solid	8015C	313099
MB 680-313099/3-A	Method Blank	Total/NA	Solid	8015C	313099

Analysis Batch: 313522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1 - DL	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	8015C	313099

Metals

Prep Batch: 313211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3050B	
680-98116-1 MS	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3050B	
680-98116-1 MSD	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	3050B	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	3050B	
LCS 680-313211/2-A	Lab Control Sample	Total/NA	Solid	3050B	
MB 680-313211/1-A	Method Blank	Total/NA	Solid	3050B	

Analysis Batch: 313741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	6010C	313211
680-98116-1 MS	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	6010C	313211
680-98116-1 MSD	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	6010C	313211
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	6010C	313211
LCS 680-313211/2-A	Lab Control Sample	Total/NA	Solid	6010C	313211
MB 680-313211/1-A	Method Blank	Total/NA	Solid	6010C	313211

General Chemistry

Analysis Batch: 312979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	Moisture	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

General Chemistry (Continued)

Analysis Batch: 312979 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	Moisture	

Analysis Batch: 313540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-98116-1	WGS-SS-SB2(2-3)-012214	Total/NA	Solid	1664A	
680-98116-2	WGS-SS-SB4(19-20)-012314	Total/NA	Solid	1664A	
LCS 680-313540/4	Lab Control Sample	Total/NA	Solid	1664A	
LCSD 680-313540/5	Lab Control Sample Dup	Total/NA	Solid	1664A	
MB 680-313540/3	Method Blank	Total/NA	Solid	1664A	

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Client Sample ID: WGS-SS-SB2(2-3)-012214

Lab Sample ID: 680-98116-1

Date Collected: 01/22/14 12:08

Matrix: Solid

Date Received: 01/25/14 08:55

Percent Solids: 80.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			313842	02/02/14 14:07	DJK	TAL SAV
Total/NA	Analysis	8260B		1	313832	02/02/14 16:39	DJK	TAL SAV
Total/NA	Prep	3546			313088	01/27/14 12:52	JMV	TAL SAV
Total/NA	Analysis	8270D		1	313707	01/31/14 19:37	SMC	TAL SAV
Total/NA	Prep	5035			313093	01/27/14 10:16	FES	TAL SAV
Total/NA	Analysis	8015C		20	313424	01/30/14 12:41	TAR	TAL SAV
Total/NA	Prep	3546	DL		313099	01/27/14 12:52	JMV	TAL SAV
Total/NA	Analysis	8015C	DL	10	313522	01/30/14 16:31	SSP	TAL SAV
Total/NA	Prep	3050B			313211	01/28/14 08:34	JKL	TAL SAV
Total/NA	Analysis	6010C		1	313741	01/31/14 11:27	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	312979	01/25/14 12:04	OP	TAL SAV
Total/NA	Analysis	1664A		1	313540	01/30/14 14:08	JCS	TAL SAV

Client Sample ID: WGS-SS-SB4(19-20)-012314

Lab Sample ID: 680-98116-2

Date Collected: 01/23/14 10:25

Matrix: Solid

Date Received: 01/25/14 08:55

Percent Solids: 83.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			313842	02/02/14 14:07	DJK	TAL SAV
Total/NA	Analysis	8260B		1	313832	02/02/14 17:00	DJK	TAL SAV
Total/NA	Prep	3546			313088	01/27/14 12:52	JMV	TAL SAV
Total/NA	Analysis	8270D		1	313707	01/31/14 20:02	SMC	TAL SAV
Total/NA	Prep	5035			313093	01/27/14 10:16	FES	TAL SAV
Total/NA	Analysis	8015C		1	313242	01/28/14 15:02	TAR	TAL SAV
Total/NA	Prep	3546			313099	01/27/14 12:52	JMV	TAL SAV
Total/NA	Analysis	8015C		1	313354	01/28/14 19:31	SSP	TAL SAV
Total/NA	Prep	3050B			313211	01/28/14 08:34	JKL	TAL SAV
Total/NA	Analysis	6010C		1	313741	01/31/14 12:08	BCB	TAL SAV
Total/NA	Analysis	Moisture		1	312979	01/25/14 12:04	OP	TAL SAV
Total/NA	Analysis	1664A		1	313540	01/30/14 14:08	JCS	TAL SAV

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

ANALYSIS REQUESTED
TestAmerica

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404

THE LEADER IN ENVIRONMENTAL TESTING

ANALYSIS REQUEST AND CHAIN OF CUSTODY RECORD

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Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-98116-1

Login Number: 98116

List Source: TestAmerica Savannah

List Number: 1

Creator: Conner, Keaton

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.

Project/Site: Wedron Site

TestAmerica Job ID: 680-98116-1

Laboratory: TestAmerica Savannah

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
A2LA	AFCEE		SAVLAB	
A2LA	DoD ELAP		399.01	02-28-15
A2LA	ISO/IEC 17025		399.01	02-28-15
Alabama	State Program	4	41450	06-30-14
Arkansas DEQ	State Program	6	88-0692	01-31-15
California	NELAP	9	3217CA	07-31-14
Colorado	State Program	8	N/A	12-31-14
Connecticut	State Program	1	PH-0161	03-31-15
Florida	NELAP	4	E87052	06-30-14
GA Dept. of Agriculture	State Program	4	N/A	06-30-14
Georgia	State Program	4	N/A	06-30-14
Georgia	State Program	4	803	06-30-14
Guam	State Program	9	09-005r	04-17-14
Hawaii	State Program	9	N/A	06-30-14
Illinois	NELAP	5	200022	11-30-14
Indiana	State Program	5	N/A	06-30-14
Iowa	State Program	7	353	07-01-15
Kentucky (DW)	State Program	4	90084	12-31-14
Kentucky (UST)	State Program	4	18	06-30-14
Louisiana	NELAP	6	LA100015	12-31-14
Maine	State Program	1	GA00006	08-16-14
Maryland	State Program	3	250	12-31-14
Massachusetts	State Program	1	M-GA006	06-30-14
Michigan	State Program	5	9925	06-30-14
Mississippi	State Program	4	N/A	06-30-14
Montana	State Program	8	CERT0081	01-01-15
Nebraska	State Program	7	TestAmerica-Savannah	06-30-14
New Jersey	NELAP	2	GA769	06-30-14
New Mexico	State Program	6	N/A	06-30-14
New York	NELAP	2	10842	03-31-14
North Carolina DENR	State Program	4	269	12-31-14
North Carolina DHHS	State Program	4	13701	07-31-14
Oklahoma	State Program	6	9984	08-31-14
Pennsylvania	NELAP	3	68-00474	06-30-14
Puerto Rico	State Program	2	GA00006	01-01-14 *
South Carolina	State Program	4	98001	06-30-14
Tennessee	State Program	4	TN02961	06-30-14
Texas	NELAP	6	T104704185-08-TX	11-30-14
USDA	Federal		SAV 3-04	04-07-14
Virginia	NELAP	3	460161	06-14-14
Washington	State Program	10	C1794	06-10-14
West Virginia DEP	State Program	3	94	06-30-14
West Virginia DHHR	State Program	3	9950C	12-31-13 *
Wisconsin	State Program	5	999819810	08-31-14
Wyoming	State Program	8	8TMS-L	06-30-14

* Expired certification is currently pending renewal and is considered valid.

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